

## CLAIMS

1. A scribing line forming mechanism comprising:
  - a scribing line forming means being structured so as to form a scribing line on a substrate by contacting the substrate; and
  - a supporting means for supporting the scribing line forming means such that the scribing line forming means is turnable about a first turning axis, the supporting means being structured so as to be turnable about a second turning axis, the second turning axis being different from the first turning axis, wherein
    - the axial center of the first turning axis and the axial center of the second turning axis are approximately in parallel, and
    - the axial center of the second turning axis is distant by a predetermined interval from a portion where the substrate and the scribing line forming means contact each other.
2. A scribing line forming mechanism according to claim 1, wherein the scribing line forming means includes a cutter wheel, and
  - the supporting means includes a cutter supporting means for the cutter wheel such that the cutter wheel is rotatable.
3. A scribing line forming mechanism according to claim 1, wherein the supporting means includes a bearing for supporting the scribing line forming means.
4. A scribing head comprising:
  - a scribing line forming mechanism according to claim 1; and

a pressure application means for applying a pressure force to the scribing line forming mechanism in order to press the scribing line forming means onto the substrate.

5. A scribing head according to claim 4, further comprising a first supporting means for supporting the supporting means such that the supporting means is turnable about the second turning axis; and

a restriction means for restricting the scribing line forming means approaching the substrate, wherein

the first supporting means is structured so as to be turnable about a third turning axis, the third turnable axis having an axial center vertical to the axial center of the second turning axis,

the restriction includes a restraining means, the restraint means being structured so as restrain the turning of the first supporting means about the third turning axis and such that a portion of the first supporting means contact the restraining means.

6. A scribing head according to claim 5, wherein the first supporting means includes a turning restriction means for restricting the turning of the supporting means about the second turning axis.

7. A scribing head according to claim 6, wherein the turning restriction means is formed in a portion of the first supporting means so as to accommodate at least a portion of the scribing line forming means.

8. A scribing apparatus comprising:

a scribing head according to claim 4; and

a moving means for moving the scribing head on a surface, the surface being approximately parallel to the substrate, such that the scribing line forming means forms the scribing line on the substrate.